CERTIFICATE OF MAILING 37 C.F.R. § 1.8(a)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Docket No.:

Art Unit:

104-28512 CIP

Alan Lin Kao

3745

Serial No.:

10/656,411

Examiner: Unknown

Filed:

09/05/2003

For:

Impeller for Gassy Well Fluid

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with Applicant's duty of candor and good faith in accordance with the provisions of 37 C.F.R. § 1.56, § 1.97, and § 1.98, Applicant files this Information Disclosure Statement and attached Form PTO-1449 listing references of which Applicant is aware. Copies of the foreign patent documents are also attached.

This Information Disclosure Statement is being filed before issuance of the first Office Action and no fee is required. In the event any fee is required, the Commissioner is hereby authorized to charge Baker Hughes Incorporated Deposit Account No. 02-0429 (Order No. 104-28512CIP).

Respectfully submitted,

Date: <u>Sec 10, 2003</u>

Yames E. Bradley, Reg. No. 27,536

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PTO/SB/08A (08-03)

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STATEMENT BY APPLICANT

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Complete if Known			
Application Number	10/656,411		
Filing Date	09/05/2003		
First Named Inventor	Alan Lin Kao		
Art Unit	3745		
Examiner Name	Unknown		
Attorney Docket Number	104-28512 CIP		

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		Number-Kind Code ^{2 (# known)}	11.07.1051		
	AA	^{US-} 2,576,700	11-27-1951	Schneider	
	AB	^{US-} 4,778,341	10-18-1988	Corradini et al.	
	AC	^{US-} 5,224,821	07-06-1993	Ozawa	
	AD	^{US-} 5,628,616	05-13-1997	Lee	
	AE	^{US-} 5,885,058	03-23-1999	Vilagines et al.	
	AF	^{US-} 6,241,470 B1	06-05-2001	Oakley et al.	
	AG	^{US-} 2003/0170112 A1	09-11-2003	Kao	
		US-			
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		FORE	IGN PATENT DOCL	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°
	BA	FR 1.025.250 A	04-15-1953	Andermatt et al		
	ВВ	SU 653.428 A	03-25-1979	Parafejnik et a1		
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Signature	Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.